

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060724\
 Data File : VN082500.D
 Acq On : 07 Jun 2024 18:15
 Operator : JC\MD
 Sample : P2772-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-189-GW-148-150

Quant Time: Jun 08 01:01:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

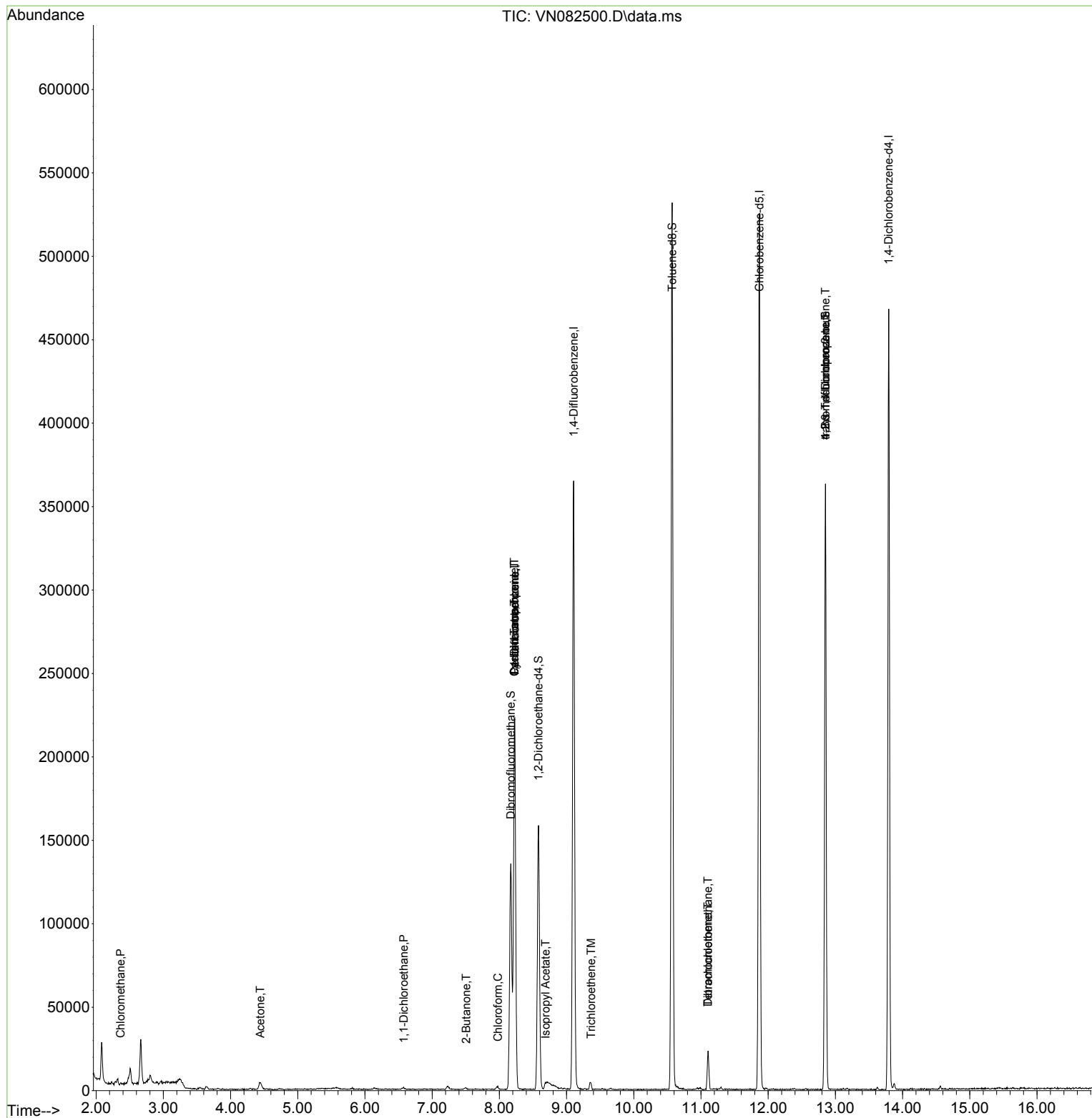
Internal Standards						
1) Pentafluorobenzene	8.229	168	153774	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	288715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	282974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117992	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	129300	53.251	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.500%			
35) Dibromofluoromethane	8.171	113	93694	52.754	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.500%			
50) Toluene-d8	10.570	98	344297	50.563	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.120%			
62) 4-Bromofluorobenzene	12.853	95	113354	46.641	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.280%			
Target Compounds						Qvalue
3) Chloromethane	2.365	50	1209	0.481	ug/l	95
16) Acetone	4.441	43	8401	8.434	ug/l	94
24) 1,1-Dichloroethane	6.577	63	1859	0.480	ug/l #	81
25) 2-Butanone	7.506	43	1661	1.100	ug/l #	43
30) Chloroform	7.977	83	1837	0.497	ug/l #	84
31) Cyclohexane	8.224	56	4684	1.208	ug/l #	51
36) 1,1-Dichloropropene	8.224	75	14458	4.854	ug/l #	50
38) Carbon Tetrachloride	8.224	117	16617	5.503	ug/l #	17
43) Isopropyl Acetate	8.688	43	3072	0.520	ug/l #	52
44) Trichloroethene	9.365	130	1586	0.786	ug/l	81
60) Dibromochloromethane	11.106	129	4683	2.191	ug/l #	11
64) Tetrachloroethene	11.106	164	4520	2.155	ug/l #	91
76) 1,2,3-Trichloropropane	12.853	75	66866	26.925	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	66866	62.976	ug/l #	13

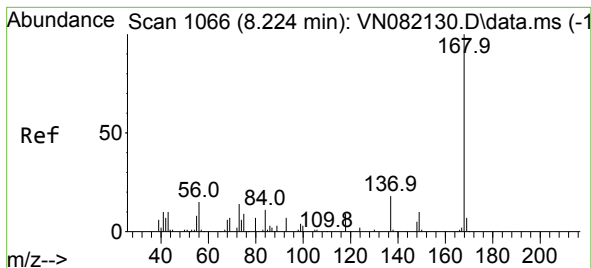
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

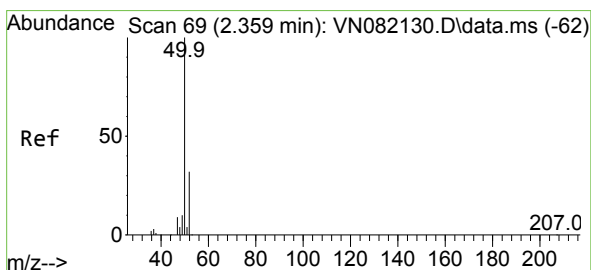
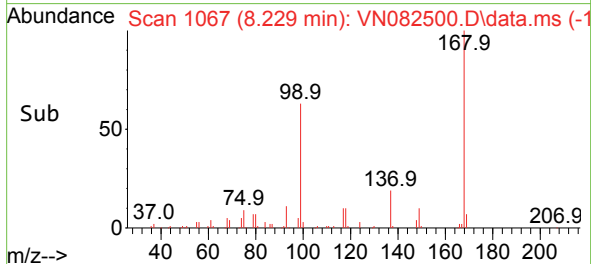
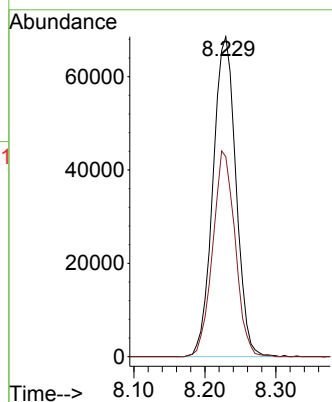
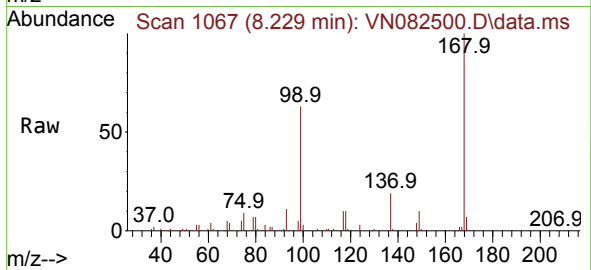
BP-VPB-189-GW-148-150

Tgt Ion:168 Resp: 153774

Ion Ratio Lower Upper

168 100

99 62.5 48.2 72.4



#3

Chloromethane

Concen: 0.481 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.006 min

Lab File: VN082500.D

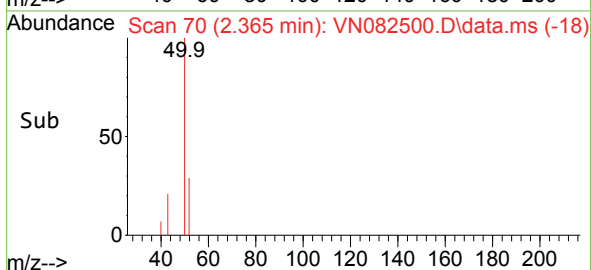
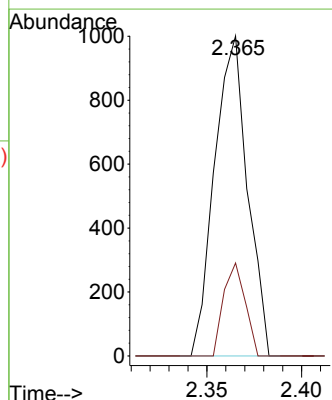
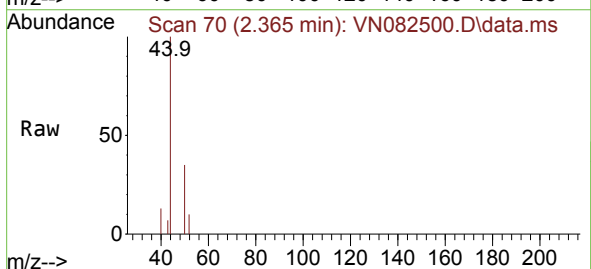
Acq: 07 Jun 2024 18:15

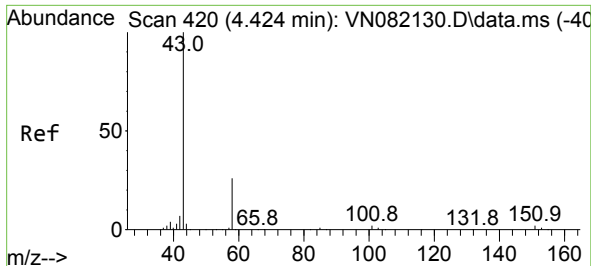
Tgt Ion: 50 Resp: 1209

Ion Ratio Lower Upper

50 100

52 29.1 25.5 38.3

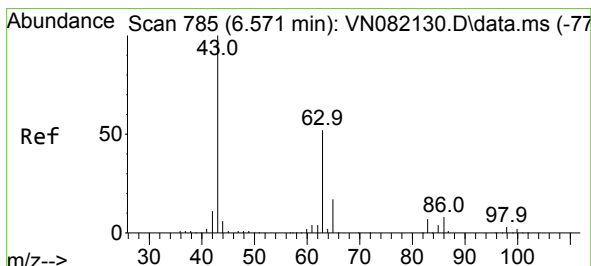
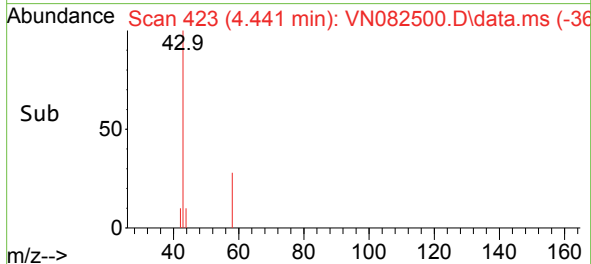
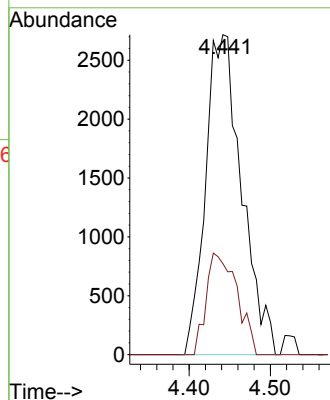
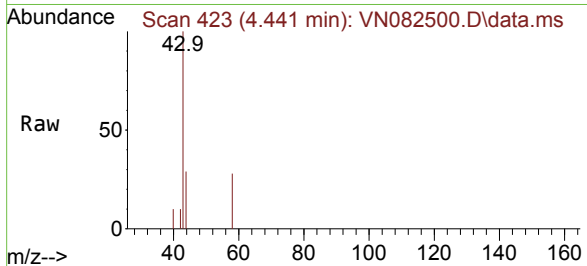




#16
Acetone
Concen: 8.434 ug/l
RT: 4.441 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

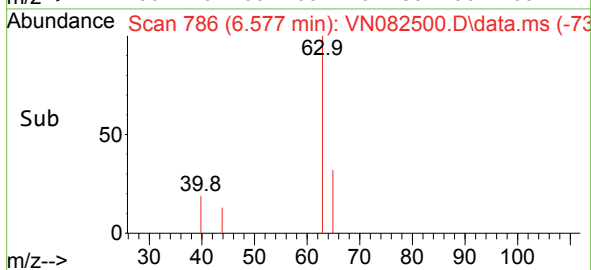
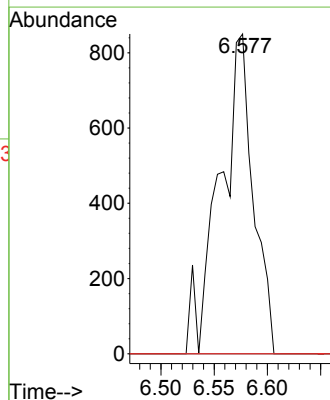
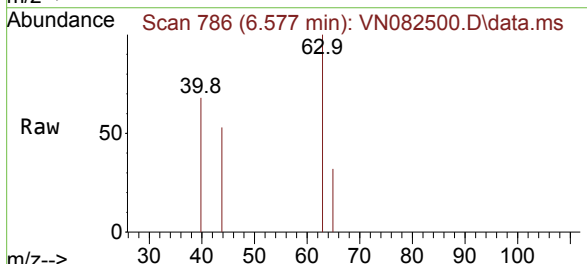
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-148-150

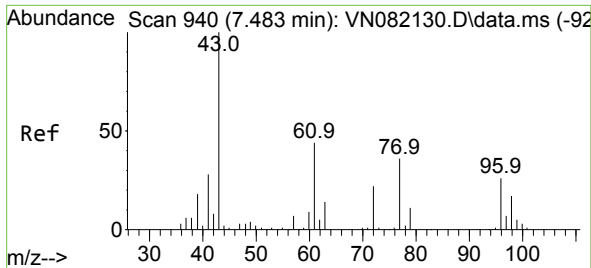
Tgt Ion: 43 Resp: 8401
Ion Ratio Lower Upper
43 100
58 28.5 25.2 37.8



#24
1,1-Dichloroethane
Concen: 0.480 ug/l
RT: 6.577 min Scan# 786
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion: 63 Resp: 1859
Ion Ratio Lower Upper
63 100
98 0.0 3.6 10.9#
100 0.0 2.6 7.8#

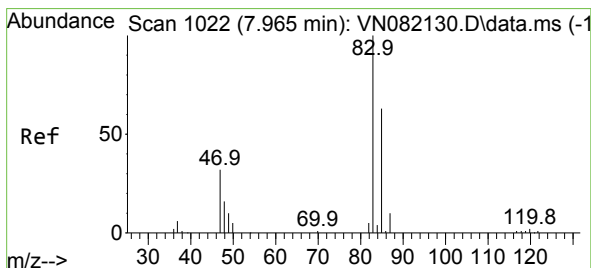
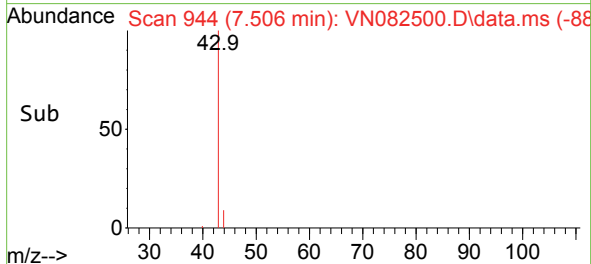
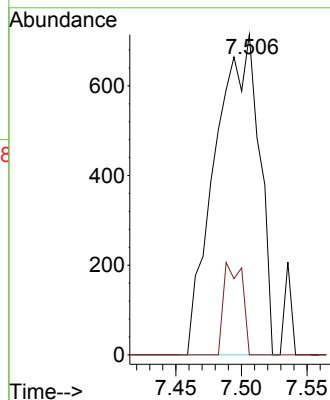
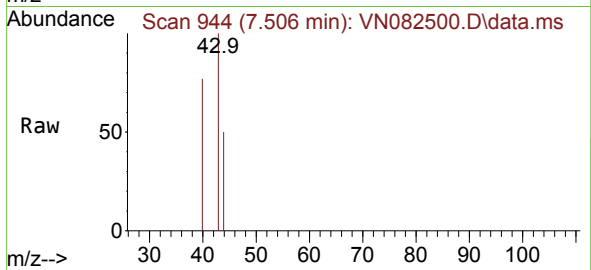




#25
2-Butanone
Concen: 1.100 ug/l
RT: 7.506 min Scan# 94
Delta R.T. 0.023 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

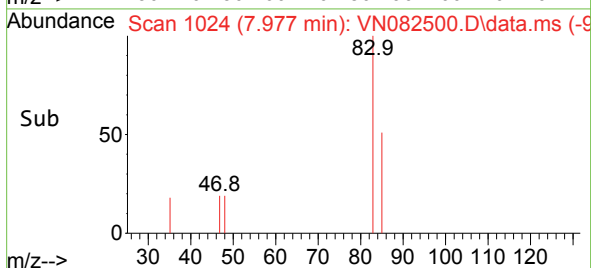
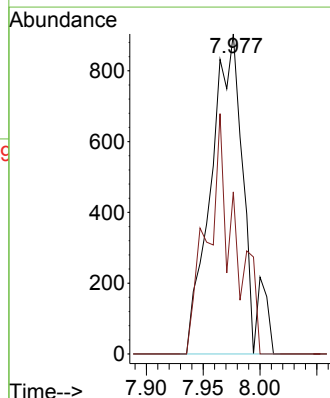
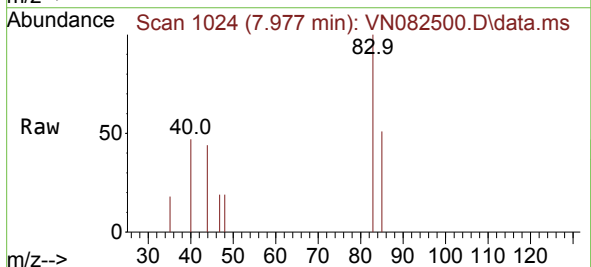
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-148-150

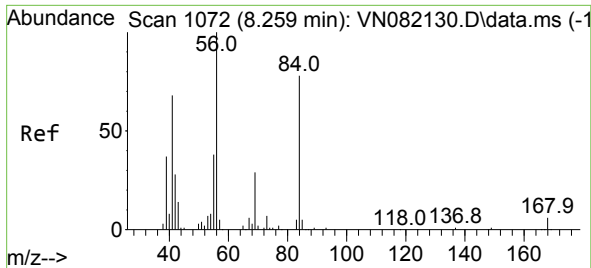
Tgt Ion: 43 Resp: 1661
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#



#30
Chloroform
Concen: 0.497 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

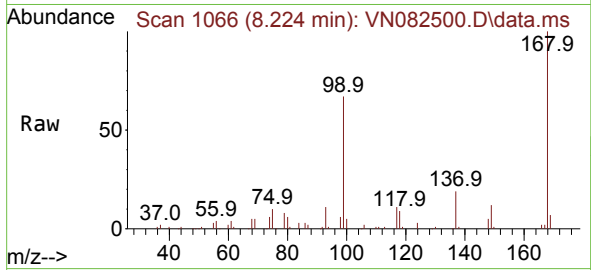
Tgt Ion: 83 Resp: 1837
Ion Ratio Lower Upper
83 100
85 50.7 50.7 76.1#



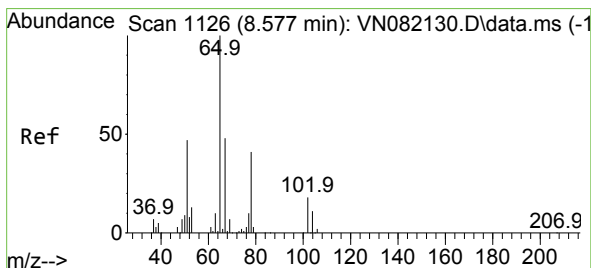
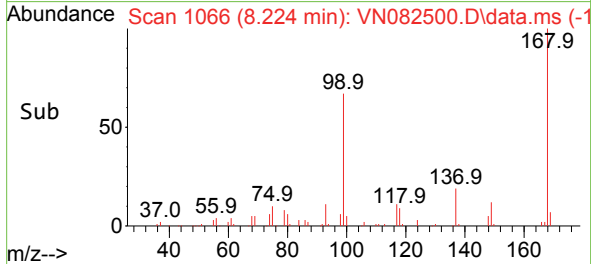
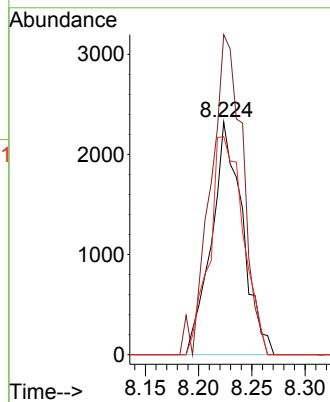


#31
Cyclohexane
Concen: 1.208 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-148-150

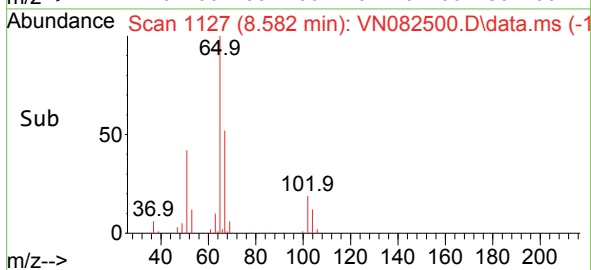
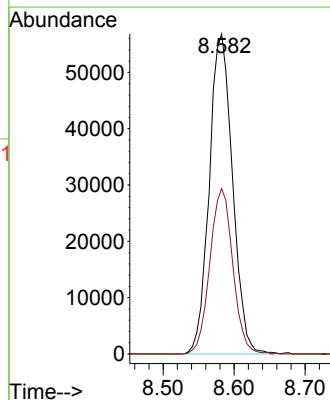
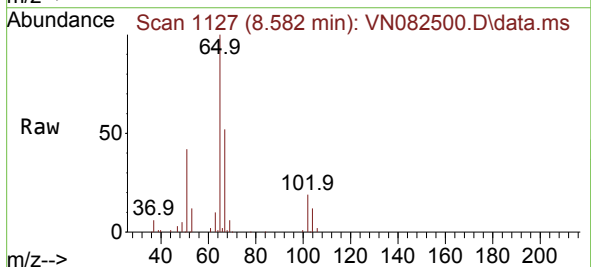


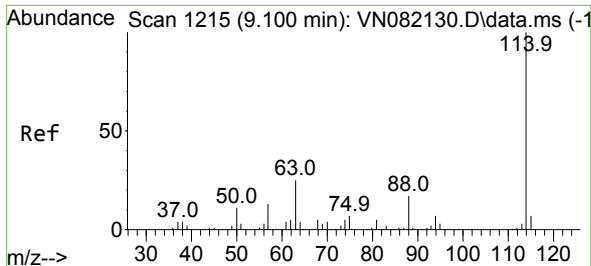
Tgt Ion: 56 Resp: 4684
Ion Ratio Lower Upper
56 100
69 137.5 24.4 36.6#
84 93.8 77.0 115.4



#33
1,2-Dichloroethane-d4
Concen: 53.251 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

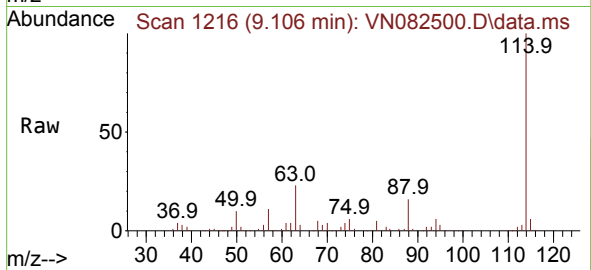
Tgt Ion: 65 Resp: 129300
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0



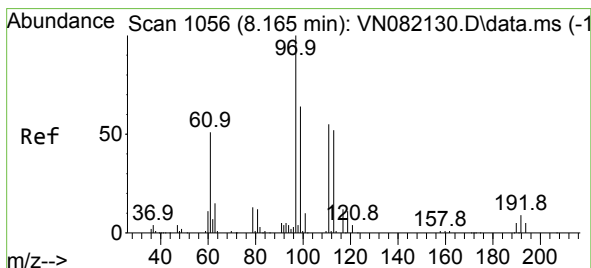
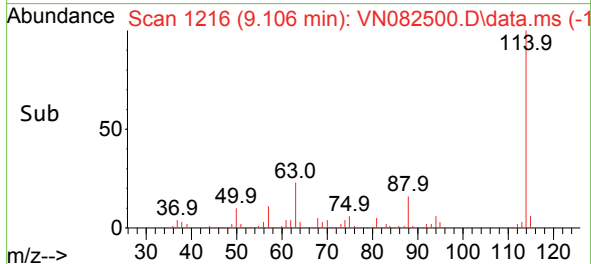
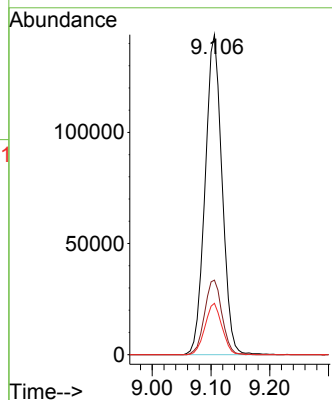


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-148-150

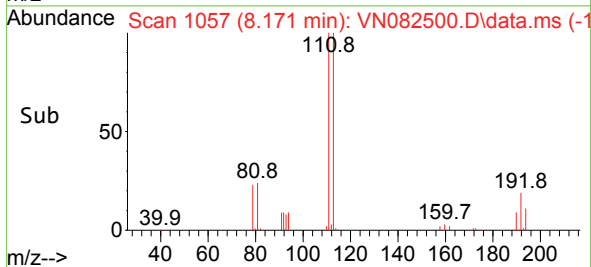
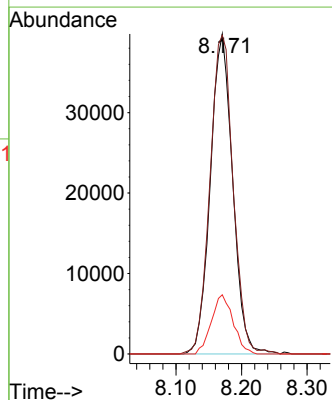
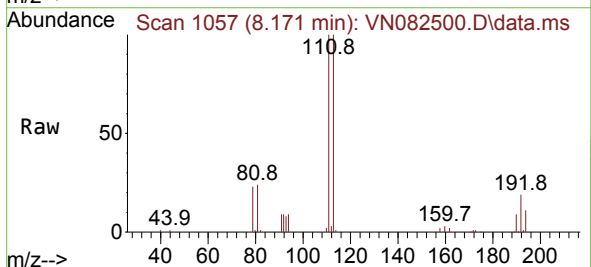


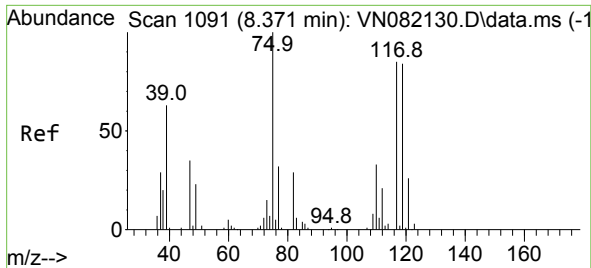
Tgt Ion:114 Resp: 288715
Ion Ratio Lower Upper
114 100
63 23.3 0.0 41.0
88 16.1 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.754 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion:113 Resp: 93694
Ion Ratio Lower Upper
113 100
111 103.6 83.4 125.2
192 18.1 14.0 21.0

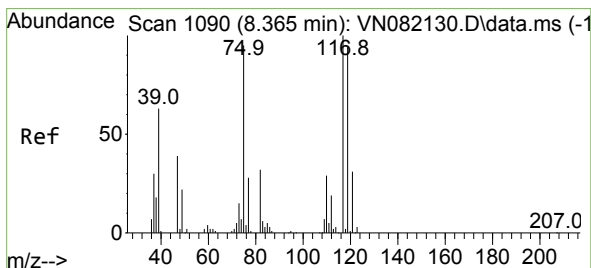
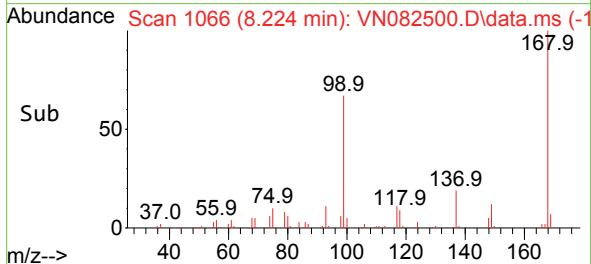
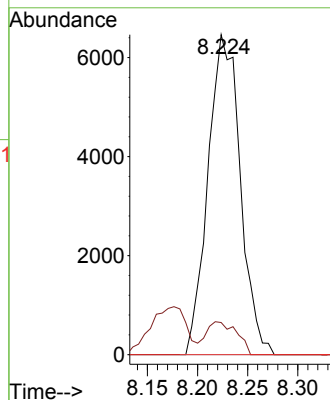
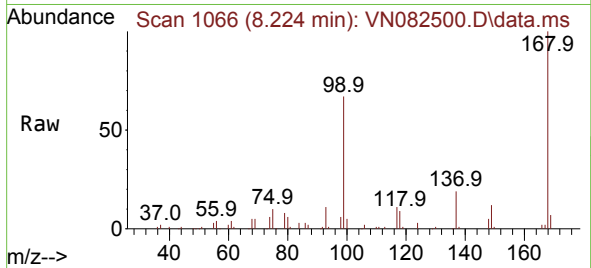




#36
1,1-Dichloropropene
Concen: 4.854 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

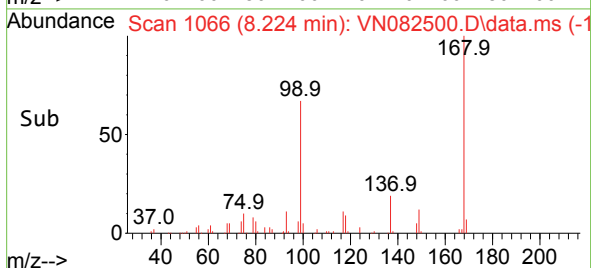
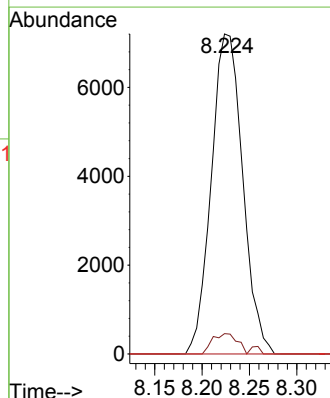
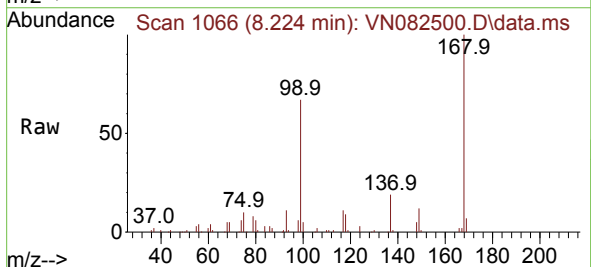
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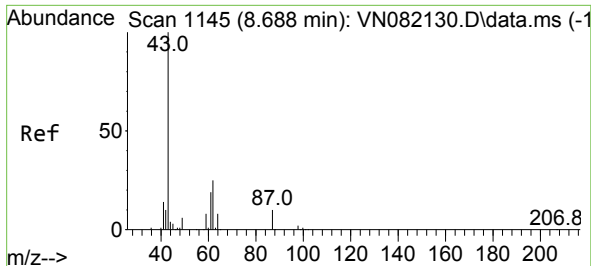
Tgt Ion: 75 Resp: 14458
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.503 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion: 117 Resp: 16617
Ion Ratio Lower Upper
117 100
119 6.3 76.5 114.7#
121 0.0 23.9 35.9#

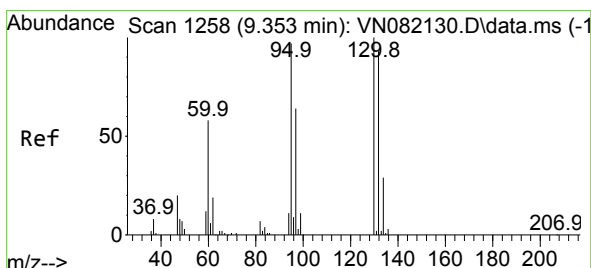
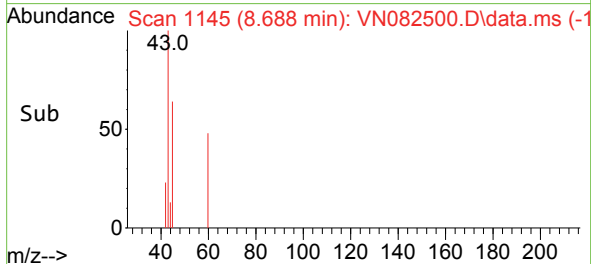
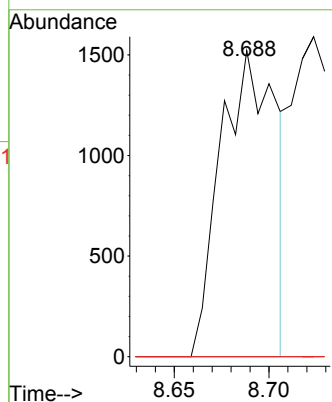
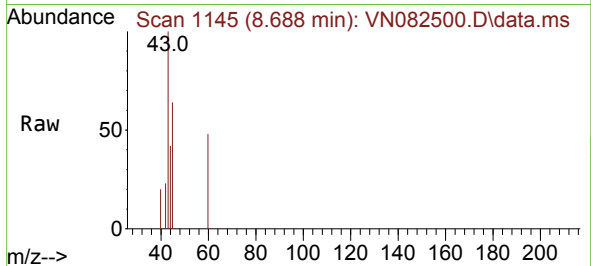




#43
Isopropyl Acetate
Concen: 0.520 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

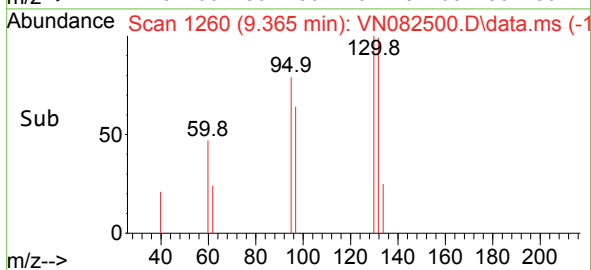
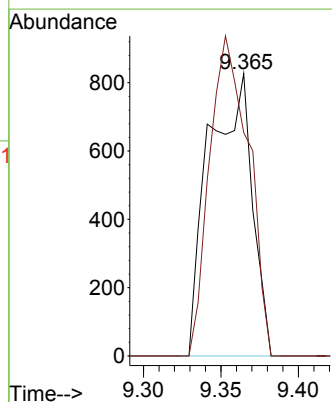
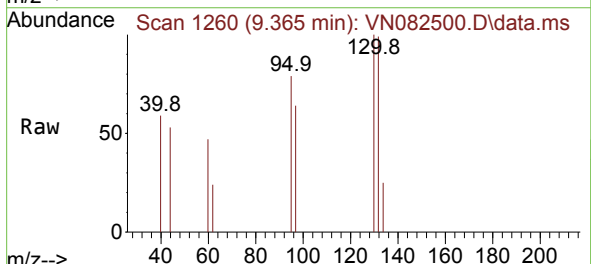
Instrument : MSVOA_N
ClientSampleId : BP-VPB-189-GW-148-150

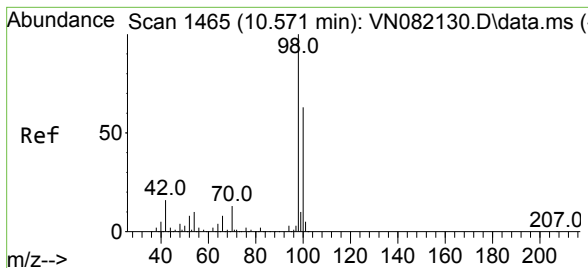
Tgt Ion: 43 Resp: 3072
Ion Ratio Lower Upper
43 100
61 0.0 22.8 34.2#
87 0.0 12.0 18.0#



#44
Trichloroethene
Concen: 0.786 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion:130 Resp: 1586
Ion Ratio Lower Upper
130 100
95 79.1 0.0 195.4





#50

Toluene-d8

Concen: 50.563 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

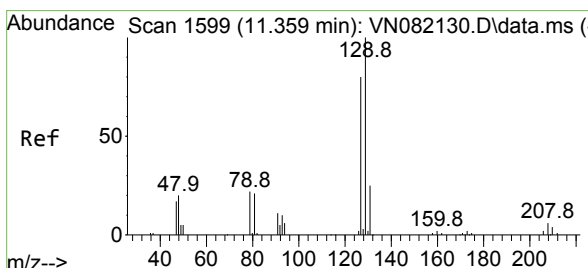
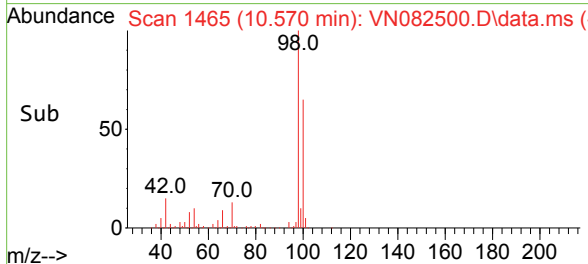
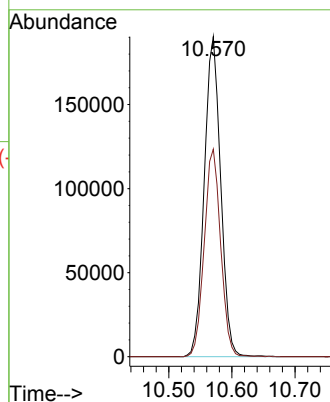
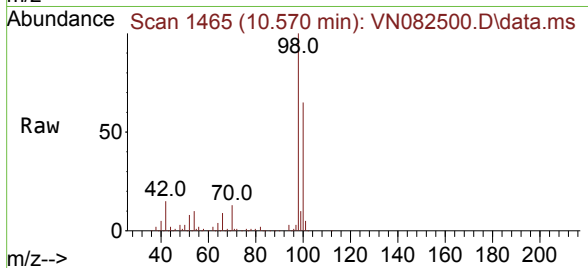
BP-VPB-189-GW-148-150

Tgt Ion: 98 Resp: 344297

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.6



#60

Dibromochloromethane

Concen: 2.191 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.253 min

Lab File: VN082500.D

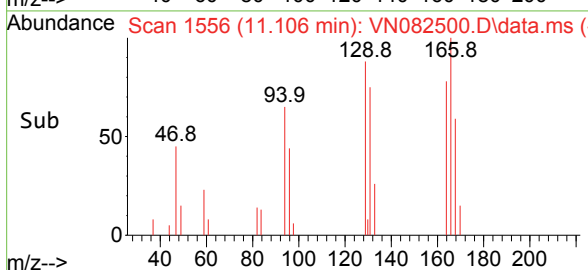
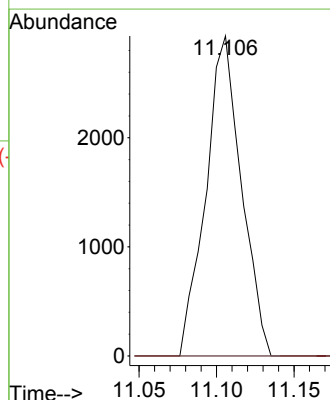
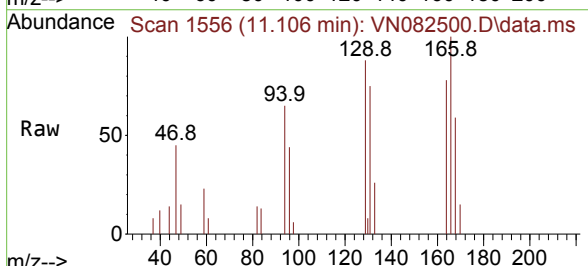
Acq: 07 Jun 2024 18:15

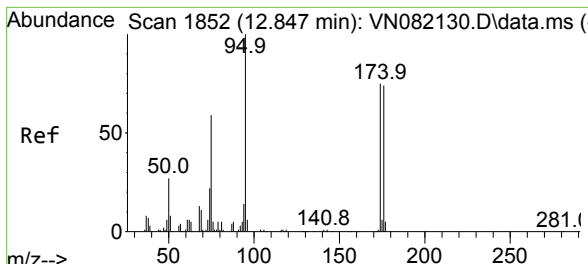
Tgt Ion:129 Resp: 4683

Ion Ratio Lower Upper

129 100

127 0.0 38.3 114.8#

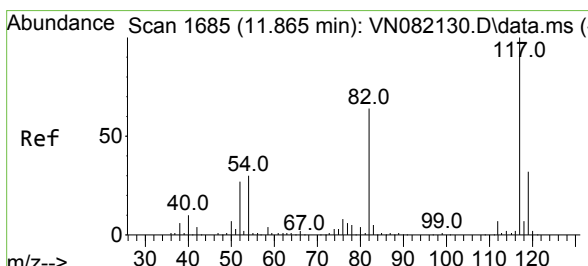
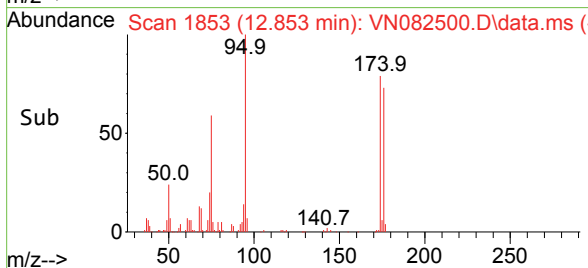
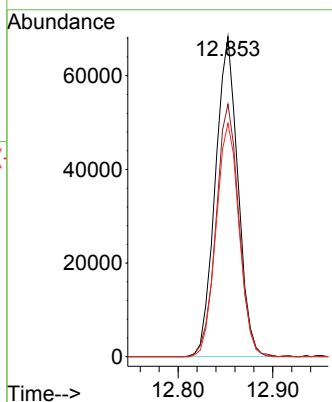
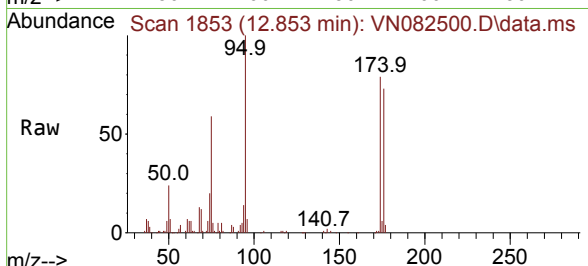




#62
4-Bromofluorobenzene
Concen: 46.641 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

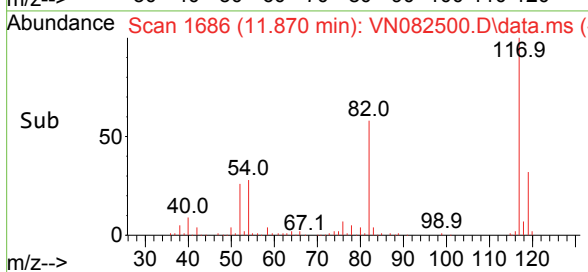
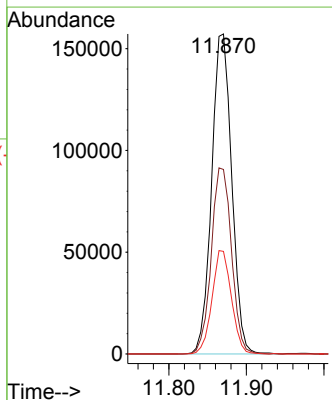
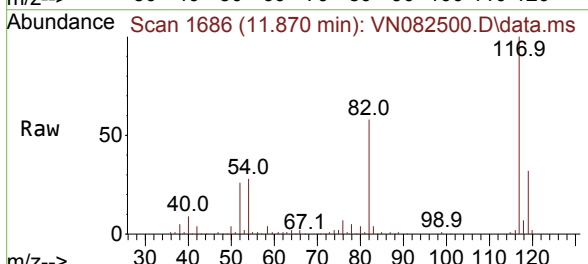
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-189-GW-148-150

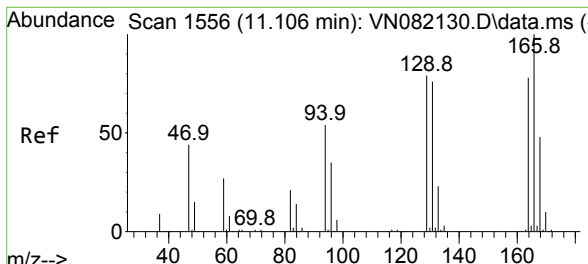
Tgt Ion:	95	Resp:	113354
Ion	Ratio	Lower	Upper
95	100		
174	79.7	0.0	160.6
176	74.4	0.0	152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082500.D
Acq: 07 Jun 2024 18:15

Tgt Ion:	117	Resp:	282974
Ion	Ratio	Lower	Upper
117	100		
82	57.7	44.6	66.8
119	32.1	25.9	38.9





#64

Tetrachloroethene

Concen: 2.155 ug/l

RT: 11.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN082500.D

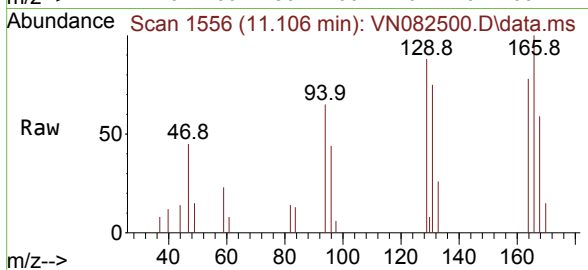
Acq: 07 Jun 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-189-GW-148-150



Tgt Ion:164 Resp: 4520

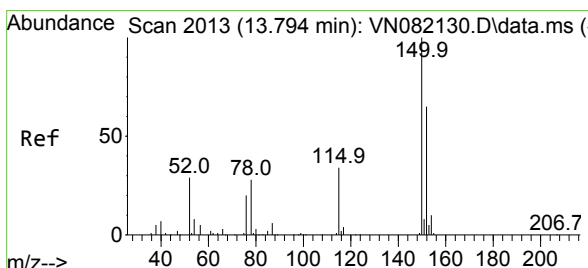
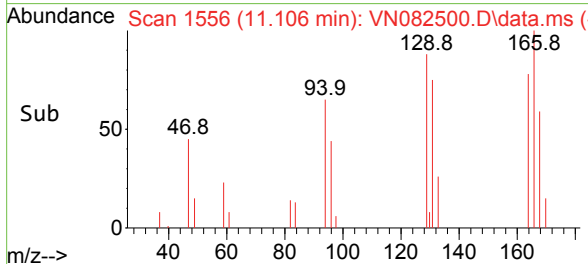
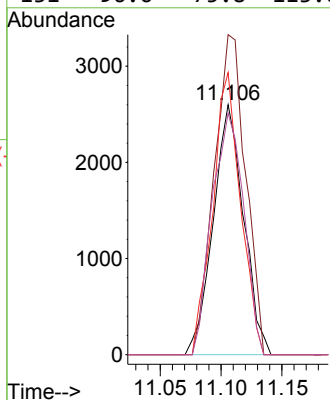
Ion Ratio Lower Upper

164 100

166 128.0 97.6 146.4

129 112.8 73.7 110.5#

131 96.6 75.8 113.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

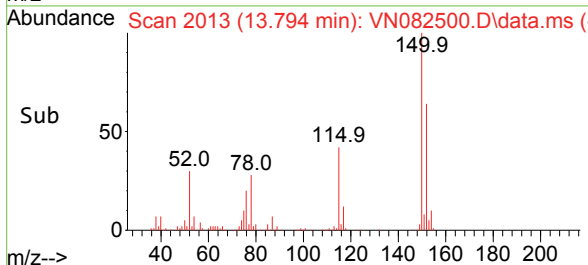
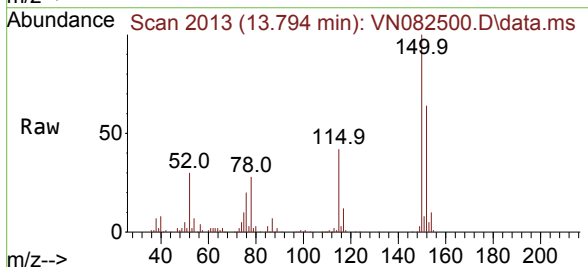
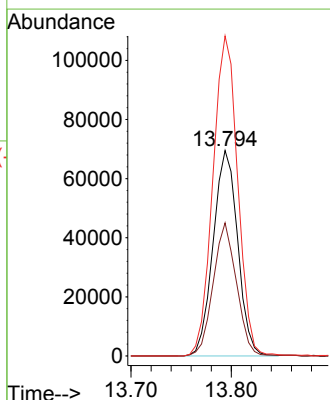
Tgt Ion:152 Resp: 117992

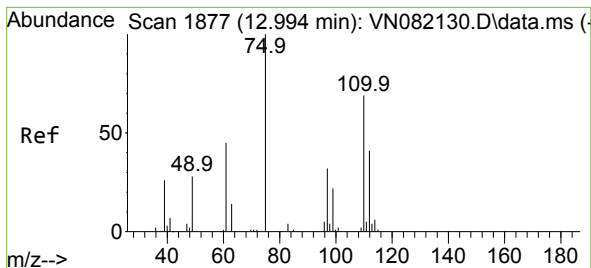
Ion Ratio Lower Upper

152 100

115 61.7 30.4 91.3

150 158.0 0.0 353.2





#76

1,2,3-Trichloropropane

Concen: 26.925 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

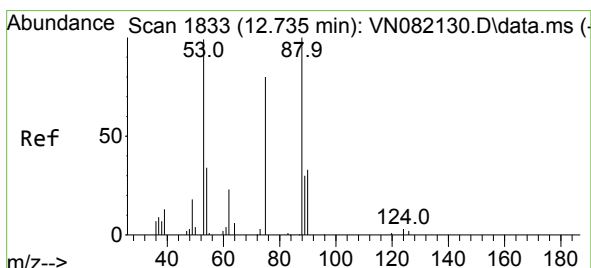
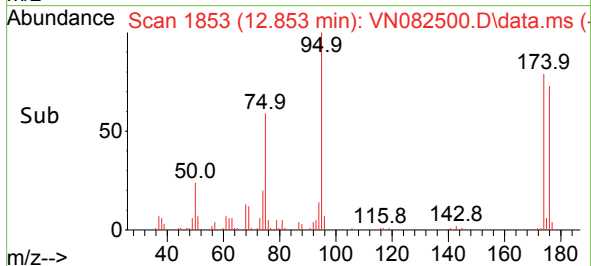
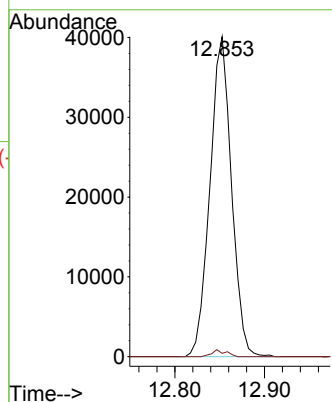
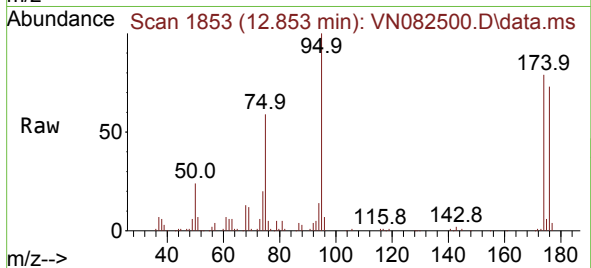
BP-VPB-189-GW-148-150

Tgt Ion: 75 Resp: 66866

Ion Ratio Lower Upper

75 100

77 1.4 90.5 271.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.976 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.117 min

Lab File: VN082500.D

Acq: 07 Jun 2024 18:15

Tgt Ion: 75 Resp: 66866

Ion Ratio Lower Upper

75 100

53 0.2 72.9 109.3#

89 0.0 39.1 58.7#

